

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/565, 771  
Source: 1FWP  
Date Processed by STIC: 1/30/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 01/30/2006

PATENT APPLICATION: US/10/565,771

TIME: 15:45:04

Input Set : F:\10271-131-999.TXT

Output Set: N:\CRF4\01302006\J565771.raw

4 <110> APPLICANT: Kinch, Michael S.  
 6 <120> TITLE OF INVENTION: DIAGNOSIS OF PRE-CANCEROUS CONDITIONS  
 7 AND USING PCDGF AGENTS  
 9 <130> FILE REFERENCE: 10271-131-999  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/565,771  
 C--> 12 <141> CURRENT FILING DATE: 2006-01-23  
 14 <150> PRIOR APPLICATION NUMBER: 60/489,035  
 15 <151> PRIOR FILING DATE: 2003-07-21  
 17 <160> NUMBER OF SEQ ID NOS: 44  
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 19  
 23 <212> TYPE: PRT  
 24 <213> ORGANISM: Homo sapiens  
 26 <220> FEATURE:  
 27 <223> OTHER INFORMATION: an epitope in a PCDGF K19T peptide  
 29 <400> SEQUENCE: 1  
 30 Lys Lys Val Ile Ala Pro Arg Arg Leu Pro Asp Pro Gln Ile Leu Lys  
 31 1 5 10 15  
 32 Ser Asp Thr  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 14  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Homo Sapiens  
 41 <220> FEATURE:  
 42 <223> OTHER INFORMATION: S14R peptide  
 44 <400> SEQUENCE: 2  
 45 Ser Ala Arg Gly Thr Lys Cys Leu Arg Lys Lys Ile Pro Arg  
 46 1 5 10  
 49 <210> SEQ ID NO: 3  
 50 <211> LENGTH: 19  
 51 <212> TYPE: PRT  
 52 <213> ORGANISM: Homo sapiens  
 54 <220> FEATURE:  
 55 <223> OTHER INFORMATION: E19V peptide  
 57 <400> SEQUENCE: 3  
 58 Glu Lys Ala Pro Ala His Leu Ser Leu Pro Asp Pro Gln Ala Leu Lys  
 59 1 5 10 15  
 60 Arg Asp Val  
 64 <210> SEQ ID NO: 4  
 65 <211> LENGTH: 15  
 66 <212> TYPE: PRT  
 67 <213> ORGANISM: Homo sapiens

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```

69 <220> FEATURE:
70 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL domains
72 <400> SEQUENCE: 4
73 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
74 1          5          10          15
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 15
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
82 <220> FEATURE:
83 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL domains
85 <400> SEQUENCE: 5
86 Glu Ser Gly Arg Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
87 1          5          10          15
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 14
92 <212> TYPE: PRT
93 <213> ORGANISM: Homo sapiens
95 <220> FEATURE:
96 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL domains
98 <400> SEQUENCE: 6
99 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser Thr
100 1          5          10
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 15
105 <212> TYPE: PRT
106 <213> ORGANISM: Homo sapiens
108 <220> FEATURE:
109 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL
domains
111 <400> SEQUENCE: 7
112 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Ser Thr Gln
113 1          5          10          15
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 14
118 <212> TYPE: PRT
119 <213> ORGANISM: Homo sapiens
121 <220> FEATURE:
122 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL
domains
124 <400> SEQUENCE: 8
125 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
126 1          5          10
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 14
131 <212> TYPE: PRT
132 <213> ORGANISM: Homo sapiens
134 <220> FEATURE:
135 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL
domains
137 <400> SEQUENCE: 9
138 Gly Ser Thr Ser Gly Ser Gly Lys Ser Ser Glu Gly Lys Gly

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139 1 5 10
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 18
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo sapiens
147 <220> FEATURE:
148 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL
domains
150 <400> SEQUENCE: 10
151 Lys Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Gln Phe Arg Ser
152 1 5 10 15
153 Leu Asp
157 <210> SEQ ID NO: 11
158 <211> LENGTH: 16
159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
162 <220> FEATURE:
163 <223> OTHER INFORMATION: linker sequences inserted between identical VH and VL
domains
165 <400> SEQUENCE: 11
166 Glu Ser Gly Ser Val Ser Ser Glu Glu Leu Ala Phe Arg Ser Leu Asp
167 1 5 10 15
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 4
172 <212> TYPE: PRT
173 <213> ORGANISM: Homo sapiens
175 <220> FEATURE:
176 <223> OTHER INFORMATION: localization signal used to direct intrabody to endoplasmic
reticulum
178 <400> SEQUENCE: 12
179 Lys Asp Glu Leu
180 1
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 4
185 <212> TYPE: PRT
186 <213> ORGANISM: Homo sapiens
188 <220> FEATURE:
189 <223> OTHER INFORMATION: localization signal used to direct intrabody to endoplasmic
reticulum
191 <400> SEQUENCE: 13
192 Asp Asp Glu Leu
193 1
196 <210> SEQ ID NO: 14
197 <211> LENGTH: 4
198 <212> TYPE: PRT
199 <213> ORGANISM: Homo sapiens
201 <220> FEATURE:
202 <223> OTHER INFORMATION: localization signal used to direct intrabody to endoplasmic
reticulum
204 <400> SEQUENCE: 14
205 Asp Glu Glu Leu
206 1
209 <210> SEQ ID NO: 15

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210 <211> LENGTH: 4

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```

211 <212> TYPE: PRT
212 <213> ORGANISM: Homo sapiens
214 <220> FEATURE:
215 <223> OTHER INFORMATION: localization signal used to direct intrabody to endoplasmic
reticulum
217 <400> SEQUENCE: 15
218 Gln Glu Asp Leu
219 1
222 <210> SEQ ID NO: 16
223 <211> LENGTH: 4
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <220> FEATURE:
228 <223> OTHER INFORMATION: localization signal used to direct intrabody to endoplasmic
reticulum
230 <400> SEQUENCE: 16
231 Arg Asp Glu Leu
232 1
235 <210> SEQ ID NO: 17
236 <211> LENGTH: 7
237 <212> TYPE: PRT
238 <213> ORGANISM: Homo sapiens
240 <220> FEATURE:
241 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleus
243 <400> SEQUENCE: 17
244 Pro Lys Lys Lys Arg Lys Val
245 1 5
248 <210> SEQ ID NO: 18
249 <211> LENGTH: 7
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
253 <220> FEATURE:
254 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleus
256 <400> SEQUENCE: 18
257 Pro Gln Lys Lys Ile Lys Ser
258 1 5
261 <210> SEQ ID NO: 19
262 <211> LENGTH: 5
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
266 <220> FEATURE:
267 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleus
269 <400> SEQUENCE: 19
270 Gln Pro Lys Lys Pro
271 1 5
274 <210> SEQ ID NO: 20
275 <211> LENGTH: 4
276 <212> TYPE: PRT
277 <213> ORGANISM: Homo sapiens
279 <220> FEATURE:
280 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleus

```

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Input Set : F:\10271-131-999.TXT

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```

282 <400> SEQUENCE: 20
283 Arg Lys Lys Arg
284 1
287 <210> SEQ ID NO: 21
288 <211> LENGTH: 5
289 <212> TYPE: PRT
290 <213> ORGANISM: Homo sapiens
292 <220> FEATURE:
293 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleus
295 <400> SEQUENCE: 21
296 Lys Lys Lys Arg Lys
297 1 5
300 <210> SEQ ID NO: 22
301 <211> LENGTH: 12
302 <212> TYPE: PRT
303 <213> ORGANISM: Homo sapiens
305 <220> FEATURE:
306 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleolar
region
308 <400> SEQUENCE: 22
309 Arg Lys Lys Arg Arg Gln Arg Arg Arg Ala His Gln
310 1 5 10
313 <210> SEQ ID NO: 23
314 <211> LENGTH: 16
315 <212> TYPE: PRT
316 <213> ORGANISM: Homo sapiens
318 <220> FEATURE:
319 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleolar
region
321 <400> SEQUENCE: 23
322 Arg Gln Ala Arg Arg Asn Arg Arg Arg Arg Trp Arg Glu Arg Gln Arg
323 1 5 10 15
326 <210> SEQ ID NO: 24
327 <211> LENGTH: 19
328 <212> TYPE: PRT
329 <213> ORGANISM: Homo sapiens
331 <220> FEATURE:
332 <223> OTHER INFORMATION: localization signal used to direct intrabody to nucleolar
region
334 <400> SEQUENCE: 24
335 Met Pro Leu Thr Arg Arg Arg Pro Ala Ala Ser Gln Ala Leu Ala Pro
336 1 5 10 15
337 Pro Thr Pro
341 <210> SEQ ID NO: 25
342 <211> LENGTH: 15
343 <212> TYPE: PRT
344 <213> ORGANISM: Homo sapiens
346 <220> FEATURE:
347 <223> OTHER INFORMATION: localization signal used to direct intrabody to endosomal
compartment
349 <400> SEQUENCE: 25
350 Met Asp Asp Gln Arg Asp Leu Ile Ser Asn Asn Glu Gln Leu Pro
351 1 5 10 15

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/565,771

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Input Set : F:\10271-131-999.TXT  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:26; Xaa Pos. 7,8,32



## VERIFICATION SUMMARY

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Input Set : F:\10271-131-999.TXT

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0

M:341 Repeated in SeqNo=26